

Claims

- 5 1. A process of cleaning a carpet comprising the steps of applying a liquid carpet cleaning composition onto a carpet using an electrically operated spraying device; leaving said composition to substantially dry onto said carpet; and, at least partially removing said composition, wherein said composition comprises a fluorinated compound or a mixture thereof.
- 10 2. A process of cleaning a carpet according to Claim 1 wherein said composition is at least partially removed using a vacuum cleaner.
- 15 3. A process of cleaning a carpet according to Claim 1 wherein said fluorinated compound is selected from the group consisting of: fluoropolymers; and fluorosurfactants; and mixtures thereof.
- 20 4. A process of cleaning a carpet according to Claim 3 wherein said fluoropolymers are polymers or compounds having pendent or end groups of perfluoroalkyl moieties.
- 25 5. A process of cleaning a carpet according to Claim 4 wherein said fluoropolymers are selected from the group consisting of: fluorinated polyacrylates; fluorinated polymethacrylates; fluorinated copolymers including acrylic and/or methacrylic and/or maleic monomers; fluorinated urethanes; fluorinated polyurethanes; and mixtures thereof.
- 30 6. A process of cleaning a carpet according to Claim 3 wherein said fluorosurfactants are selected from the group consisting of: fluoroalkyl carboxylates; fluoroalkyl sulphates; fluoroalkyl sulphonates; fluoroalkyl phosphates; fluoroalkyl phosphonates; fluoroalkyl polyethoxalcohols; fluoroalkyl ammonium; fluoroalkyl betaines or sulphobetaines or other zwitterionic forms; and mixtures thereof.

7. A process of cleaning a carpet according to Claim 1 wherein said liquid composition comprises from 0.0001% to 10% by weight of the total composition of said fluorinated compound.

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8. A process of cleaning a carpet according to Claim 1 wherein said composition further comprises a peroxygen bleach.

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9. A process of cleaning a carpet according to Claim 8 wherein said composition comprises from 0.01% to 20% by weight of the total composition of said peroxygen bleach.

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10. A process of cleaning a carpet according to Claim 8 wherein said peroxygen bleach is selected from the group consisting of: hydrogen peroxide; water soluble sources of hydrogen peroxide; organic or inorganic peracids; hydroperoxides; and diacyl peroxides; and mixtures thereof.

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11. A process of cleaning a carpet according to Claim 1 wherein said composition further comprises a volatile organic compound.

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12. A process of cleaning a carpet according to Claim 11 wherein said volatile organic compound is selected from the group consisting of: an aliphatic and/or aromatic alcohol; a glycol ethers and/or a derivative thereof; a polyol; and a mixture thereof.

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13. A process of cleaning a carpet according to Claim 1 wherein said composition further comprises an acid, a base or a mixture thereof.
14. A process of cleaning a carpet according to Claim 1 wherein said composition further comprises a surfactant selected from the group consisting of: a sulfosuccinate surfactant; sulfosuccinamate surfactant;

sulfosuccinamide surfactant; carboxylate surfactant; sarcosinate surfactant; alkyl sulfate surfactant; alkyl sulphonate surfactant; alkyl glycerol sulfate surfactant; alkyl glycerol sulphonate surfactant; and a zwitterionic betaine surfactant; and mixtures thereof.

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15. A process of cleaning a carpet according to Claim 1 wherein said composition further comprises a radical scavenger.

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16. A carpet cleaning composition comprising a fluorinated compound, a peroxygen bleach, and a radical scavenger.

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17. A kit comprising: (a) a carpet cleaning composition comprising a fluorinated compound and (b) a set of instructions to use said composition in a process according to Claim 1.